

VIA HAND DELIVERY
PATENT
36856.1140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sadao KOTERA and Hiroshi TANIGUCHI

Serial No.: Currently unknown

Filing Date: Concurrently herewith

For: TUNER CIRCUIT

INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop **PATENT APPLICATION**
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

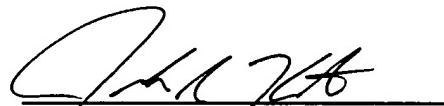
Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit copies of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449), including an English abstract. The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Information Disclosure
Statement
November 13, 2003
Page 2 of 2

Applicant respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,



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Substitute for form 1449/PTO			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
(Use as many sheets as necessary)			
Sheet	1	of	1
<i>Complete if Known</i>			
Application Number			
Filing Date			
First Named Inventor		Sadao KOTERA	
Art Unit			
Examiner Name			
Attorney Docket Number		36856.1140	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ²See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.